

Product/Process Change Notice

No.	02941	PCN Date	March 22, 2016	Effective Date	March 22, 2016
Title	16Mb MRAM in 48-BGA Package Moisture Sensitivity Level				

Approval Notice

Everspin is notifying customers and distributors that the moisture sensitivity level of the 16Mb MRAM in the 48-BGA package is MSL-6. Customers should take the proper precautions in board assembly operations.

Description and Purpose – Affected Products

The moisture sensitivity level for these products was previously stated as MSL-5 as of April 1, 2015 in PCN 02756. This PCN is to notify customers that effective immediately the moisture sensitivity level is MSL-6. Everspin will be making improvements to the package and process in order to achieve MSL-5 and we will notify customers when this level is achieved.

Part Number	Description	Part Number	Description
MR4A08BMA35	Commercial Temp.	MR4A08BCMA35	Industrial Temp.
MR4A08BMA35R	Commercial Temp., T&R	MR4A08BCMA35R	Industrial Temp., T&R
MR4A16BMA35	Commercial Temp.	MR4A16BCMA35	Industrial Temp.
MR4A16BMA35R	Commercial Temp., T&R	MR4A16BCMA35R	Industrial Temp., T&R

Material Differences

This is not a process or package change.

Package Marking of Products Affected

No change in package marking per our standard marking procedure. The moisture sensitivity level is indicated on the inner bags.

Trace code format: MWLYYWWz

M = Assembly location, WL = Wafer Lot Number, YY = Year, WW = Work Week, z = Assembly lot split (may not be present)

Contact Information

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Originator

<u>Date</u> March 18, 2016	<u>Title</u> VP Marketing	<u>Name</u>  Scott Sewell
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Approval and Release

<u>Date</u> March 18, 2016	<u>Title</u> VP of Business Development & Supply Chain	<u>Name</u>  Angelo Ugge
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